

Converting Colors

YUV(242.3460, 1.8014,
-17.8434)

Have a look what the booklet for
YUV(242.3460, 1.8014, -17.8434)
contains.

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Color

**YUV(242.3460, 1.8014,
-17.8434)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF6F6
RGB	222, 252, 246
RGB Percent	87%, 99%, 96%
CMY	0.1294, 0.0118, 0.0353
CMYK	0.12, 0.00, 0.02, 0.01
HSL	168°, 83%, 93%
HSV	168°, 12%, 99%
XYZ	81.5692, 91.8042, 100.6096
YIQ	242.3460, -15.9540, -8.2260

Conversions

Conversions Part 2

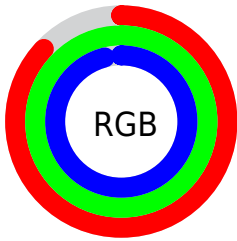
Format	Color
R _Y B	222, 239, 252
Decimal	14613750
CIE Lab	96.74, -10.80, -0.42
CIE LCh	97, 10.805, 182.231
Yxy	91.8042, 0.2977, 0.3351
Android (android.graphics.Color)	4292803830 (0xFFDEF6)
YUV	242.3460, 1.8014, -17.8434
Hunter-Lab	95.8145, -15.7142, 4.8130

Details

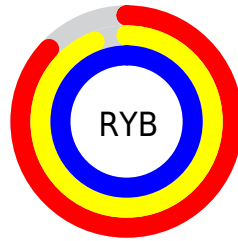
The YUV color $242.3460, 1.8014, -17.8434$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.6540, -1.8014, 17.8434$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.0580, 1.9434, -16.7139$ is the 20% darker color. If you saturate the color by 10%, you get $234.3010, 3.3026, -32.7130$, and if you desaturate by 10%, it is $250.3910, 0.3002, -2.9739$.

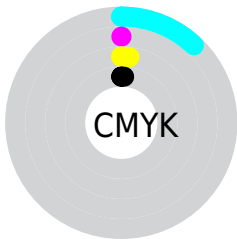
Distribution



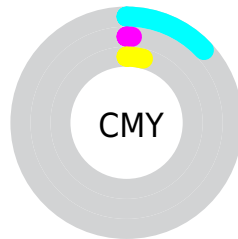
- Red (87%)
- Green (99%)
- Blue (96%)



- Red (87%)
- Yellow (94%)
- Blue (99%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.3460, 1.8014, -17.8434 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 242.3460, 1.8014, -17.8434 by changing the saturation by 10% instead.

242.3460, 1.8014,
-17.8434

242.3460, 1.8014,
-17.8434

255.0000, 0.0000,
0.0000

213.7590, 2.0908,
-17.3286

186.0580, 1.9434,
-16.7139

159.0580, 1.9434,
-16.7139

132.9440, 1.5066,
-16.6139

107.6560, 1.6486,
-15.4843

83.0690, 1.9380,
-14.9695

60.0690, 1.9380,

-14.9695

■ 38.0690, 1.9380,
-14.9695

■ 17.6560, 1.6486,
-15.4843

■ 242.3460, 1.8014,
-17.8434

■ 242.3460, 1.8014,
-17.8434

■ 234.3010, 3.3026,
-32.7130

■ 250.3910, 0.3002,
-2.9739

■ 226.2560, 4.8038,
-47.5825

■ 253.2390, 0.8682,
1.5444

■ 217.9120, 6.4524,
-63.0668

■ 209.8670, 7.9536,
-77.9364

■ 201.8220, 9.4548,
-92.8059

■ 193.7770, 10.9559,
-107.6754

■ 185.7320, 12.4571,
-122.5450

■ 177.3880, 14.1057,
-138.0293

■ 170.9520, 15.3067,
-149.9249

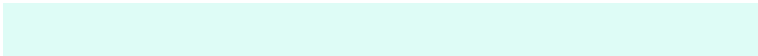
Harmonies

Analogous

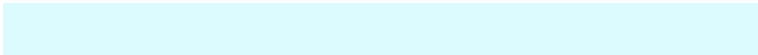
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.0110, -3.4564, -11.4106



242.3460, 1.8014, -17.8434



242.1870, 6.3168, -19.4580

Triad

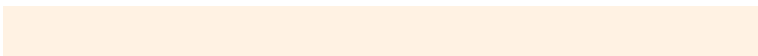
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.3460, 1.8014, -17.8434



246.1620, 4.3571, 2.4889



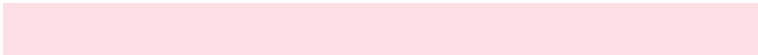
244.1770, -8.4683, 9.4918

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



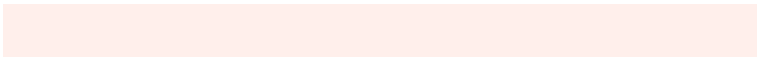
242.3460, 1.8014, -17.8434



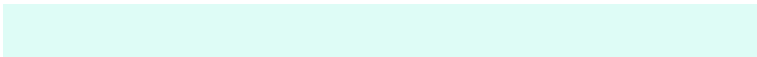
231.6540, -1.8014, 17.8434

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.3280, -4.1057, 10.2363



242.3460, 1.8014, -17.8434



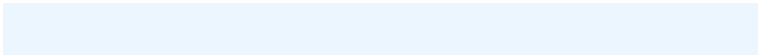
246.1950, 4.3409, 7.7220

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.3460, 1.8014, -17.8434



244.0360, 5.4053, -7.0476



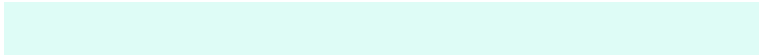
244.4680, 0.2623, 9.2366



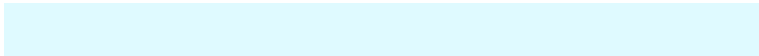
245.4110, -10.0626, 7.5326

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



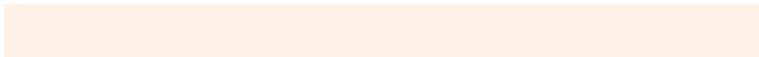
242.3460, 1.8014, -17.8434



242.4970, 6.1640, -17.0989



244.4680, 0.2623, 9.2366



243.8180, -7.3053, 9.8066

Sweetspot

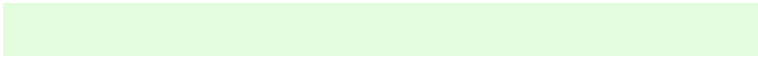
The Sweet Spot groups the original color and five complimentary colors.



242.3460, 1.8014, -17.8434



251.7820, 0.6005, -5.9478



241.4040, -9.5662, -11.7553



125.6790, 0.1583, -4.1035



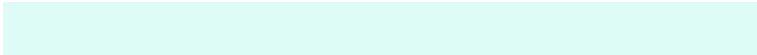
0.0000, 0.0000, 0.0000



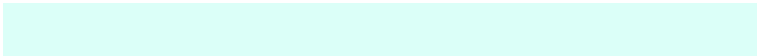
128.0000, 0.0000, 0.0000

Same Dimension

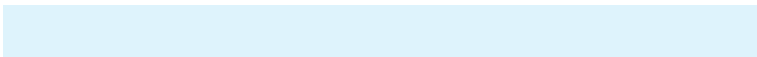
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.3460, 1.8014, -17.8434



243.4380, 2.2491, -21.4321



237.7470, 7.0267, -13.8101



120.7710, 0.6059, -7.6922



128.1570, 11.2616, -112.3937



41.3930, 3.7503, -36.3017

Inverse Universe

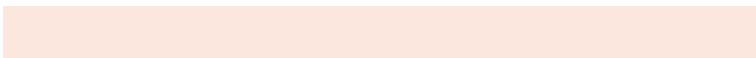
The Inverse Universe completely reimagines the original color for something new.



231.6540, -1.8014, 17.8434



230.5620, -2.2491, 21.4321



236.2530, -7.0267, 13.8101



116.2290, -0.6059, 7.6922



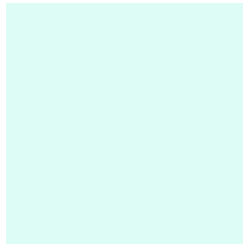
60.8430, -11.2616, 112.3937



19.6070, -3.7503, 36.3017

Previews

White Background



This preview shows how the YUV color 242.3460, 1.8014, -17.8434 looks on a white background.

Color Contrast Check

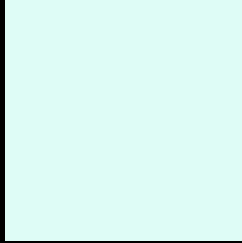
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 242.3460, 1.8014, -17.8434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

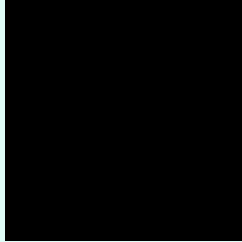
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

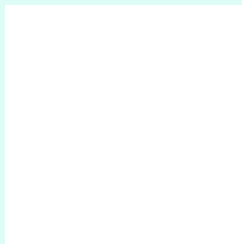
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.3460, 1.8014, -17.8434 Background



This preview shows how black text looks on a background with the YUV color 242.3460, 1.8014, -17.8434.



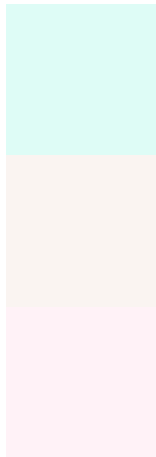
This preview shows how white text looks on a background with the YUV color 242.3460, 1.8014, -17.8434.

-17.8434.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

242.3460, 1.8014, -17.8434

Protanopia

245.4520, -2.1948, 3.9886

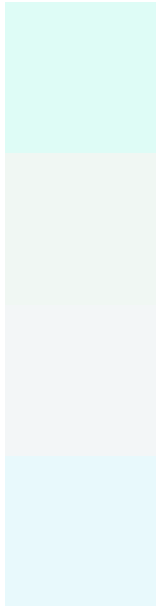
Deuteranopia

246.4570, 0.2677, 7.4922

Tritanopia

245.2210, 4.8210, -6.3328

Trichromacy



Original Color

242.3460, 1.8014, -17.8434

Protanomaly

244.4510, -0.7153, -3.9035

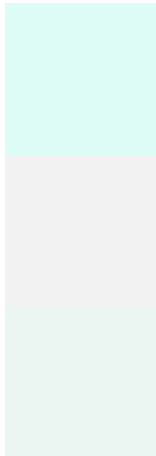
Deuteranomaly

245.2170, 0.8790, -1.9443

Tritanomaly

244.2590, 3.8163, -10.7511

Monochromacy



Original Color

242.3460, 1.8014, -17.8434

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.3690, 0.3111, -6.4626

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.3460, 1.8014, -17.8434 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(222, 252, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 252, 246) }
```

Border

The CSS property to change the border of an element to YUV 242.3460, 1.8014, -17.8434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 252, 246) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(222, 252, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(222, 252, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(222, 252,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 242.3460, 1.8014, -17.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 252, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
252, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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